

Appl. No. 09/752,089  
Amdt. Dated July 14, 2004  
Reply to Office Action of April 16, 2004

**Remarks/Arguments:**

Claim 1 to 4 are pending in the present application, no claims have been cancelled or added. Therefore, upon entry of the present Amendment claims 1 to 4 will be pending in the present application.

Paragraph [0023] has been amended to fix a typo --optimal-- instead of "optical" and to insert proper serial number and filing date information of co-pending related application.

In the final Office Action dated April 16, 2004, the Examiner objected to claim 3 because of informality regarding missing period. Claim 3 is amended to correct the Informality.

The Examiner rejected claims 1 and 4 as under 35 U.S.C. section 102(b) as being anticipated by Cam et al. (US 5,875,192), hereinafter Cam. Applicant traverses this rejection. Cam does not teach transmitting frames over trained data links. Nevertheless, Applicant has amended claim 1 to further defined the word "trained" as "data links trained to operate at optimal rates" for which support may be found in paragraph [0022] of the specification.

Additionally, Applicant has amended claim 1 to have the detection cell containing a predetermined pattern that is know by both the first unit and the second unit. The S cells of Cam have sequence numbers as can the detection cells of the present application—Paragraph [0031]. However, although the detection cells may include sequencing information they also contain a predetermined pattern that is known at both ends of the link. This argument also goes to claim 4 as Cam does not teach the detection cell of the present application and does not teach "determining a known signal that will be part of the detection cell." The cells in Cam only have a sequence number and not a known signal.

The Examiner has rejected claim 2 under 35 U.S.C. 103(a) as being unpatentable over Cam in view of Sathe et al. (US 5617417) and claim 3 as being unpatentable over Cam in view of Counterman (US 6222858). Applicant tranverses these rejections and submit the above arguments regarding trained links and detection cells having a predetermine pattern also apply.

Entry of this Amendment is respectfully requested. Applicants submit that all

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presently pending claims are now in condition for Allowance. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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